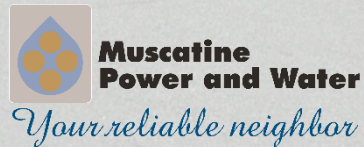


Grandview Avenue | Corridor Revitalization

Council Update

December 13, 2018



Mississippi Drive | Corridor Revitalization

Your Project Team



**Muscatine
Power and Water**

Your reliable neighbor

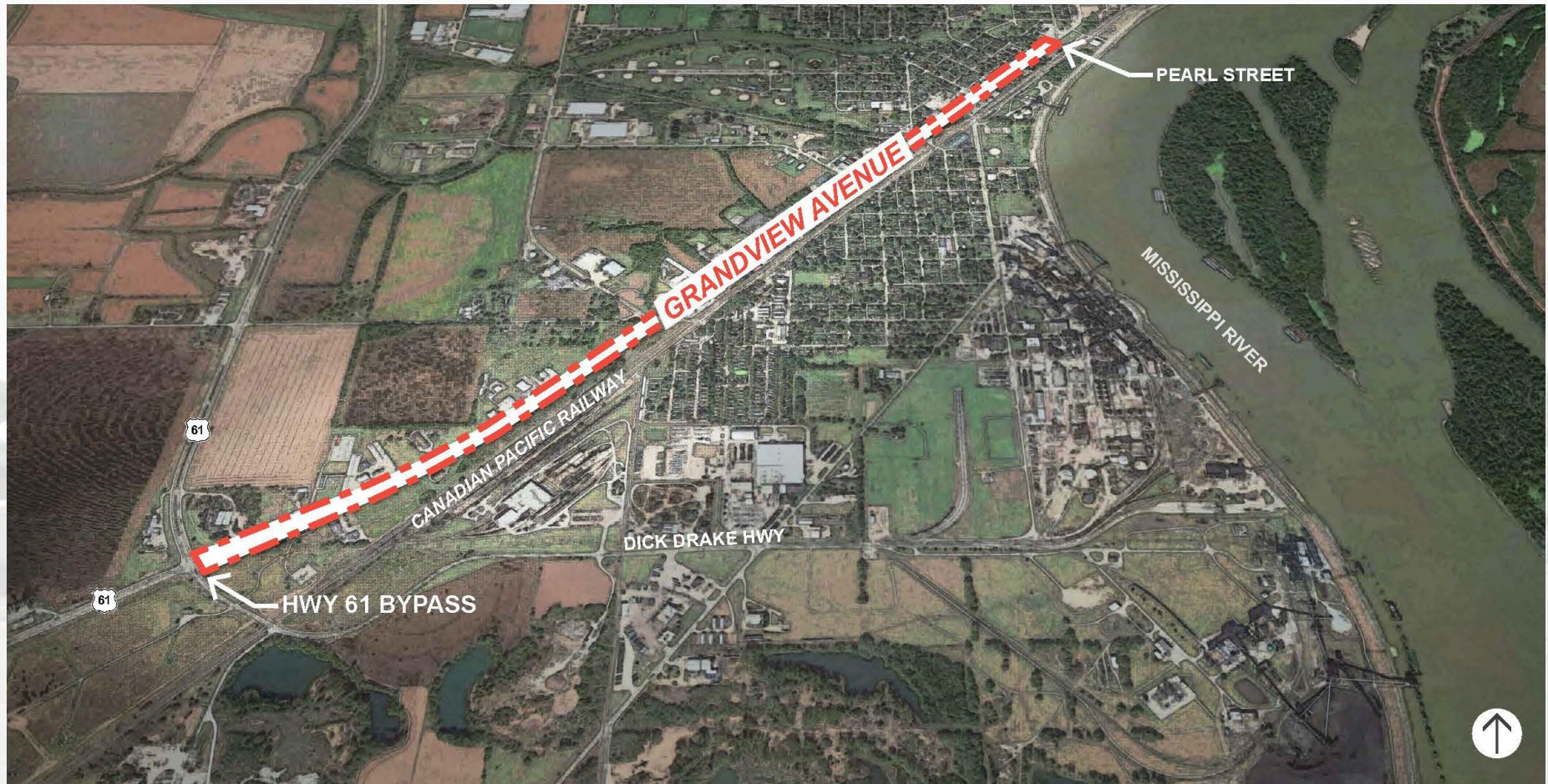


**BOLTON
& MENK**

Real People. Real Solutions.



Overview | Scope of Work / Project Extents



Project Extents:

- Hwy 61 Bypass to Pearl Street

Grandview Avenue | Corridor Revitalization

Project Process: Where are we?

- Visioning
- Info Gathering and Outreach
- Preliminary Design
- Final Design July 2018 – November 2018
- Bid Document Preparation and Letting Winter 2018 / 2019
- Construction Start 2019

Relating to Mississippi Dr. | Similarities

Project Elements Similar To Mississippi Drive:

- Similar Traffic Volumes
- Enhanced Pedestrian Opportunities
- Incorporating Architectural/Streetscape Amenities Where Logical
- Improving/Replacing Aging Utilities and Pavement

Relating to Mississippi Dr. | Differences

Project Elements That Differ From Mississippi Drive:

- Less Decorative Elements
- No Center Median
- Broad Mix of Adjacent Land Uses
- Numerous Curb-Cuts
- Higher Traffic Speed



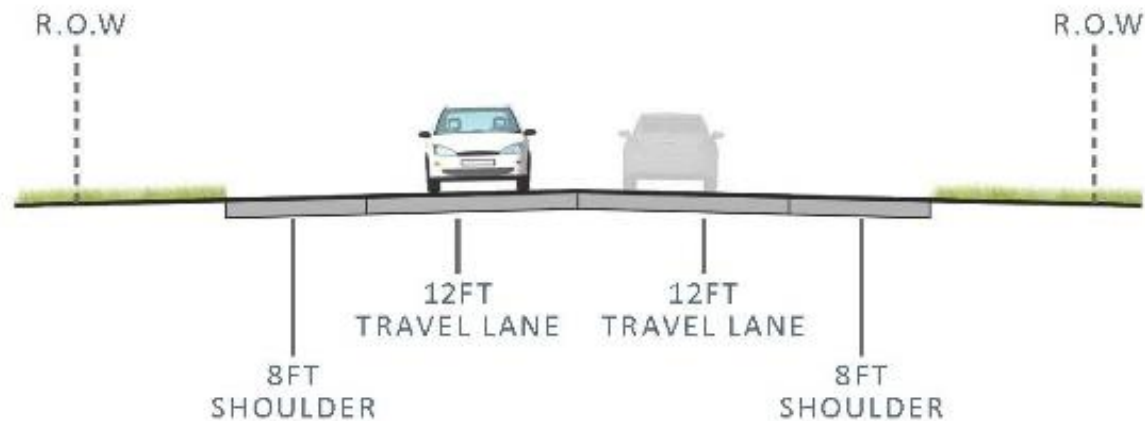
The Big Picture | **Project Goals**

Project Goals:

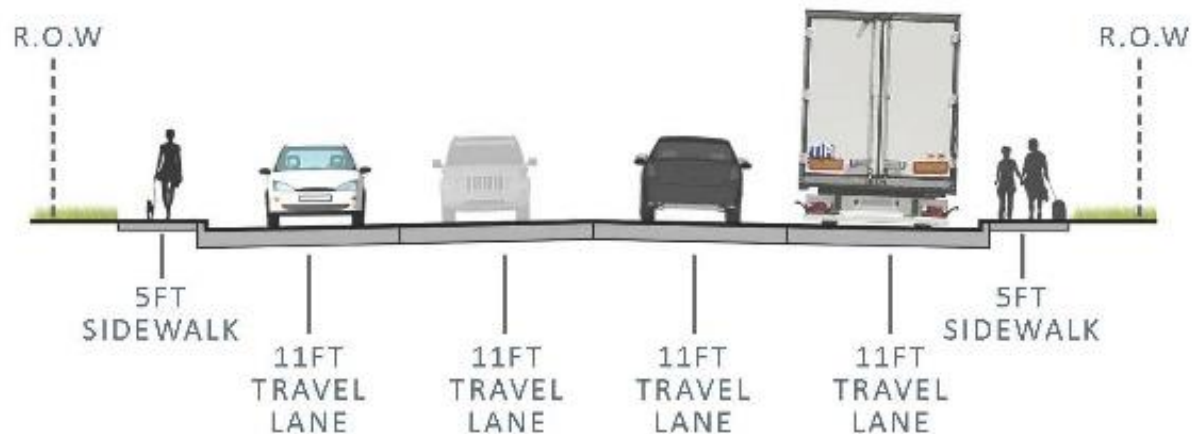
- Modernize Grandview Avenue
- Provide a Safe and Attractive Corridor
- Improve Pavement and Utility Infrastructure
- Effectively Engage the Public Throughout the Process
- **Implement a Community Supported and Technically Sound Project**

Grandview Ave. | Typical Cross Sections

EXISTING SECTION B: HOUSER ST TO DAY ST

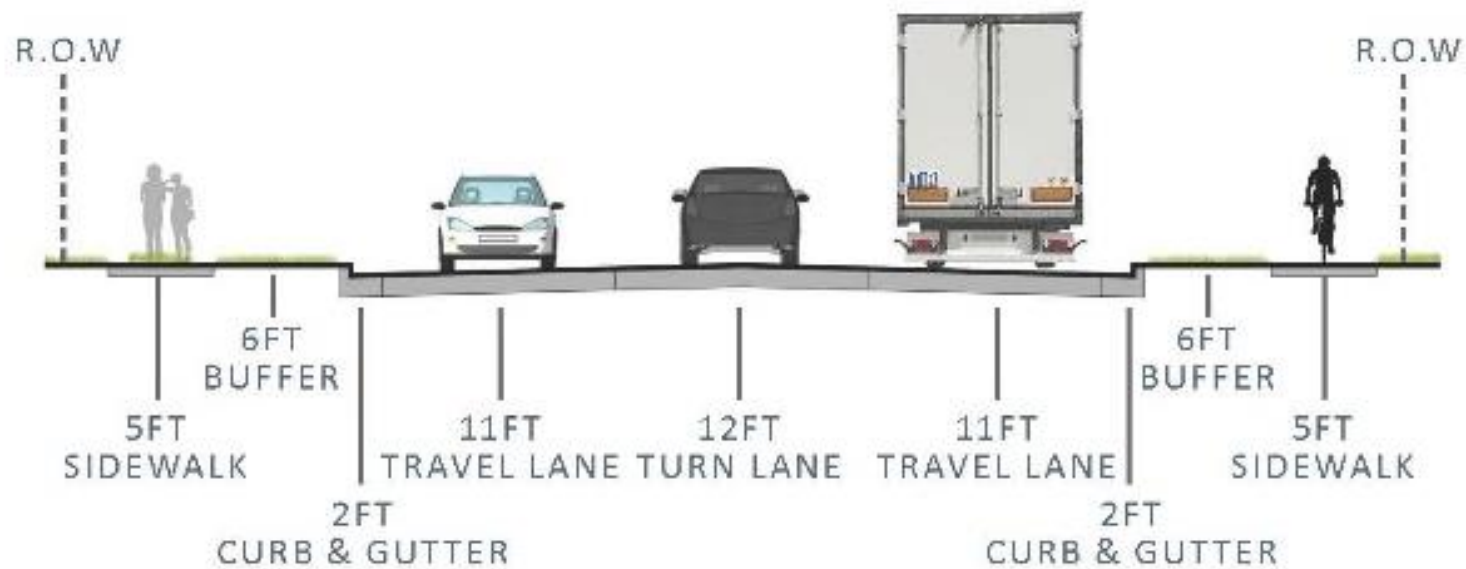


EXISTING SECTION D: DAY ST TO PEARL ST



Grandview Ave. | Typical Cross Sections

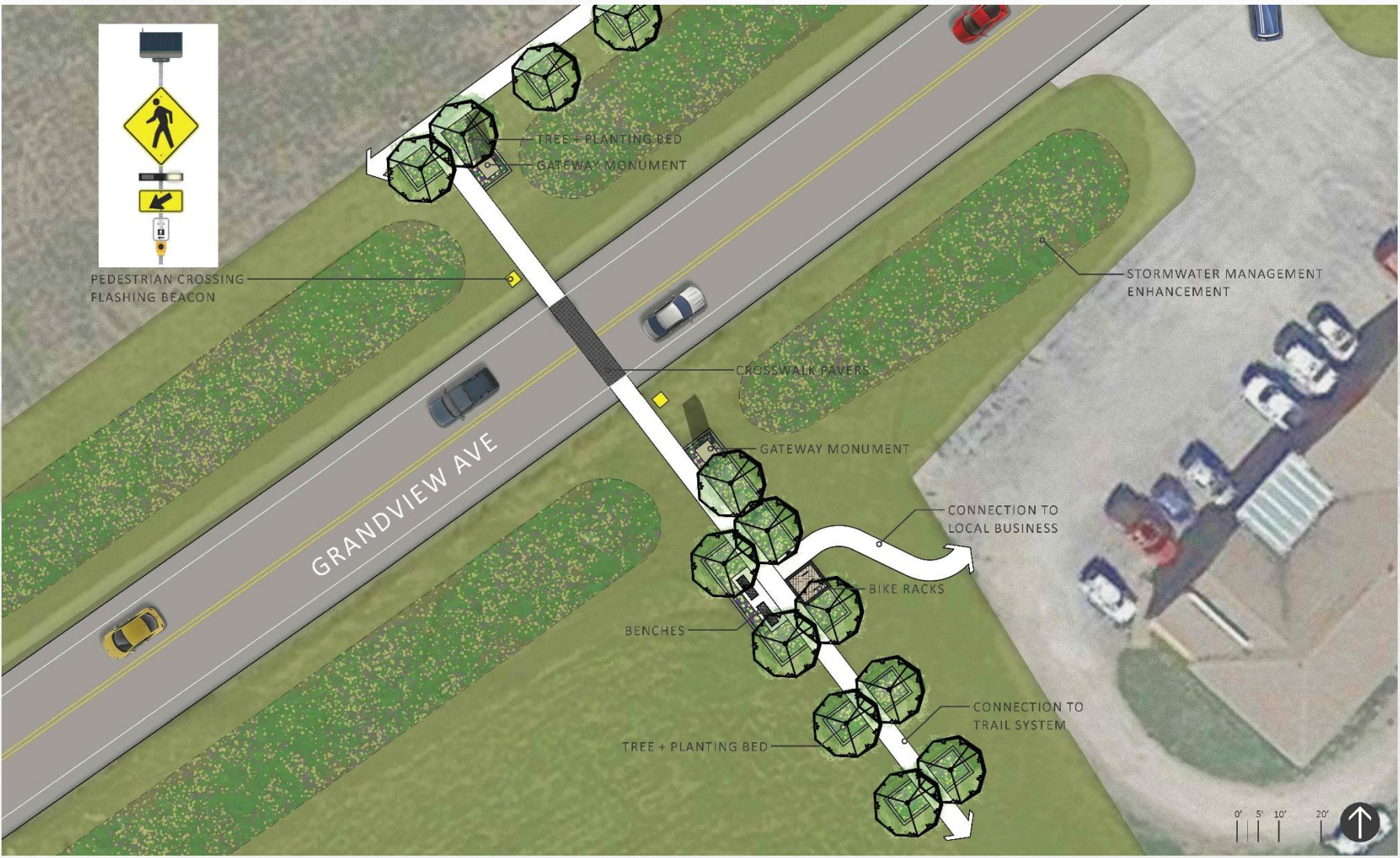
PROPOSED SECTION B+D: HOUSER ST TO PEARL ST



Grandview Ave. | Warren/Oregon St. Intersection



Grandview Ave. | Pedestrian/Trail Crossing



Grandview Ave. | Houser St. Intersection



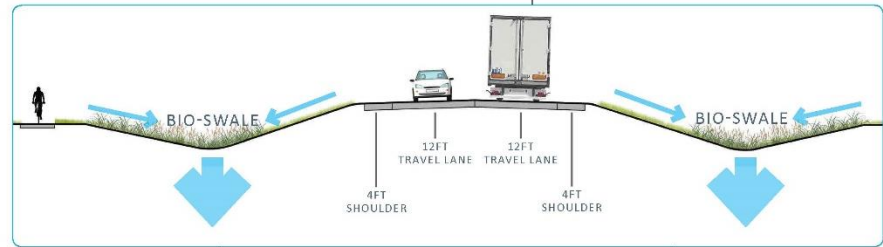
Grandview Ave. | Architectural Elements



Grandview Ave. | Green Infrastructure



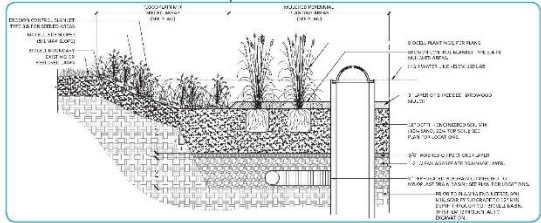
STORMWATER MANAGEMENT ENHANCEMENTS ALONG
ROADSIDE DITCH FROM HOUSER TO HWY 61 BYPASS



STORMWATER MANAGEMENT
ENHANCEMENTS ALONG
BRIAR'S DITCH



RAIN GARDENS IN BUMP OUTS AT
BLEEKER ST. AND FRANKLIN ST



Grandview Ave. | Construction Phasing / Staging

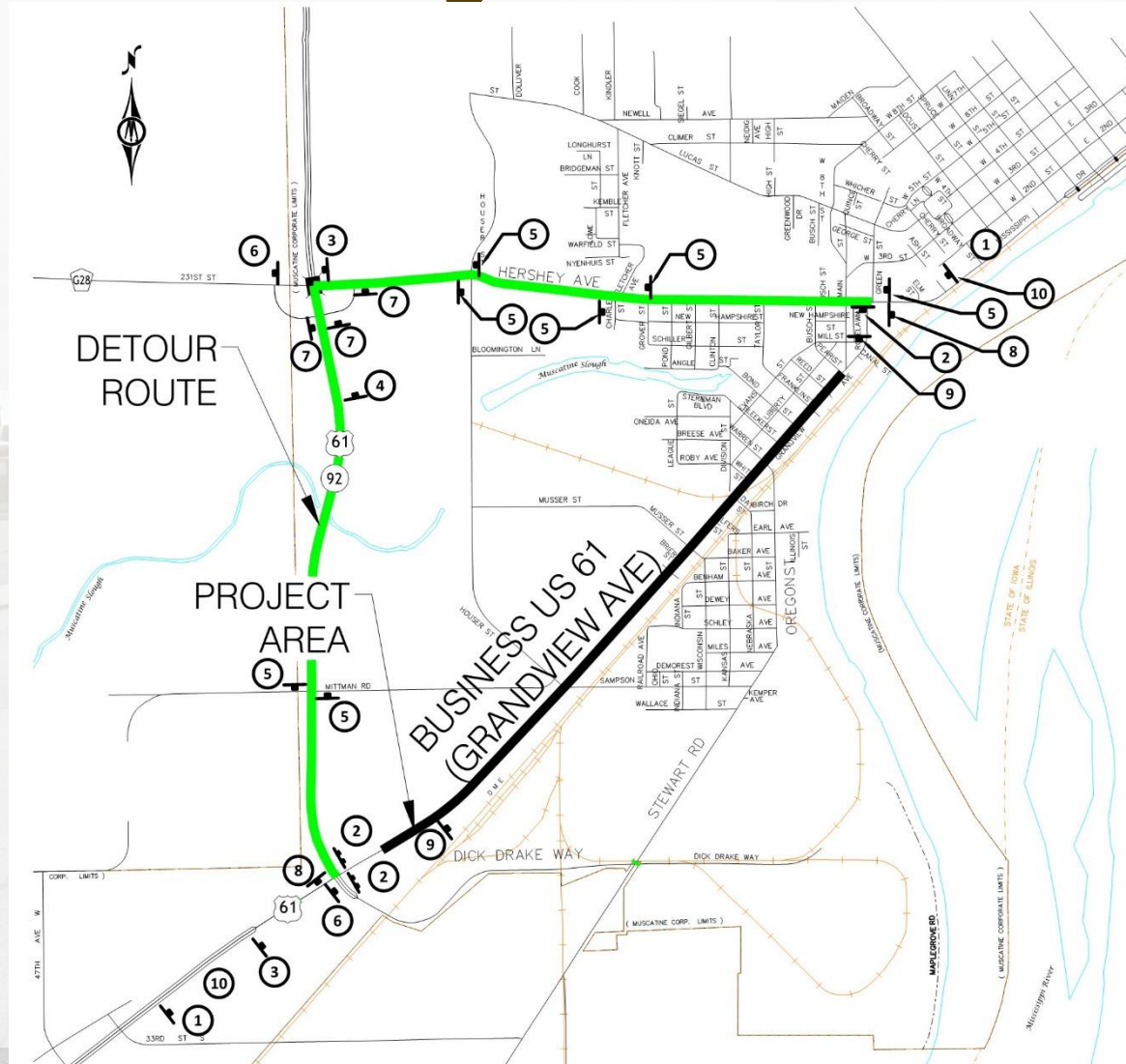
Construction Phasing:

- Two-Year Construction w/ Multiple Phases to minimize impact
- Minimizing Road Closures As Much As Possible
- Start of construction in 2019



Grandview Ave. | Construction Phasing / Staging

Construction Phasing:



...What's Next?

- Submit Plans and Specifications to DOT for Jurisdictional Review.
 - Includes Plans, Specifications, Easements, ROW, and Permitting
- Once approved, Bidding will occur through DOT system
- Construction will start following bidding – 2 years anticipated